

**DATE:** February 15, 2019

**TO:** Todd Wyett, Chairman  
State Transportation Commission

**FROM:** Paul C. Ajegba  
Director

**SUBJECT:** Waiver of Commission Approval

The projects and descriptions documented in Exhibit A, attached, are contracts between the Michigan Department of Transportation and local public agencies, public transportation authorities, and railroad grant or loan recipients. These contracts require approval of the State Transportation Commission. The approximate ten-week delay resulting if Commission approval were deferred to the next State Transportation Commission meeting on April 18, 2019, would delay the transmittal of funds, and jeopardize construction schedules and transportation services.

The projects and descriptions documented in Exhibit A-1 attached, will be let by the Michigan Department of Transportation on either March 1, 2019 or March 15, 2019. These projects require pre-approval as the engineers' estimates are over \$500,000. The approximate ten-week delay resulting if Commission pre-approval were deferred to the next State Transportation Commission meeting on April 18, 2019, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedules.

The project and description documented in Exhibit A-2, attached, was let by the Michigan Department of Transportation on February 1, 2019. The low bid received was more than 10% over the engineers' estimate and therefore require approval by the State Transportation Commission. The approximate ten-week delay resulting if Commission approval were deferred to the next State Transportation Commission meeting on April 18, 2019, would delay the transmittal of the contract documents to the low bidder, and jeopardize the construction schedule.

The project and description documented in Exhibit A-3, attached, was let on February 1, 2019. The project is being submitted for informational purposes since only one bid was received for each project and the engineers' estimates were less than \$500,000.

Thus, a waiver of the required Commission approval is requested, as provided in Commission Resolution 79-3, as amended, footnote F:

“If, in the opinion of the Director, the public interest requires that a certain contract be awarded or an agreement be executed prior to approval by the Commission, hereunder, the Director shall seek a waiver of the required approval from the Chairman of the Transportation Commission. If the request of the approval is verbal, the waiver shall be confirmed, in writing, within fourteen (14) days.”

If the waiver is granted, the Department will proceed to execute the items noted above.

*Signed copy on file*

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Director

The request for waiver of Commission approval of the above-mentioned item is approved.

*Signed copy on file*

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Todd Wyett, Chairman

*February 22, 2019*

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Date

# REQUEST FOR MICHIGAN STATE TRANSPORTATION COMMISSION APPROVAL

## CONTRACTS

The following contracts are being submitted for approval. The appropriate documents will be approved by the Attorney General and comply with all legal and fiscal requirements prior to award.

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### CONTRACTS

1. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2015-5503) between MDOT and the Eaton County Drain Commissioner will provide for funding participation in the construction of the following improvements:  
  
Culvert extension and drain clean-out work along Highway M-43 from Kenyon Road easterly to Oneida Road.  
  
Estimated Funds:  
  

State Restricted Trunkline Funds	\$850,000
Total Funds	<u>\$850,000</u>

M 84900 – 203817CON; Eaton County  
Local Letting
  
2. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2018-5447) between MDOT and the City of East Lansing will provide for funding participation in the construction of the following improvements:  
  
Storm sewer repair work at the intersection of Highway M-143 (Michigan Avenue) and Harrison Road.  
  
Estimated Funds:  
  

City of East Lansing Funds	\$373,291
State Restricted Trunkline Funds	\$ 45,009
Total Funds	<u>\$418,300</u>

M 84900 – 203817CON; Ingham County  
Local Letting

3. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2018-5519) between MDOT and the City of East Jordan will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt base crushing, shaping, and resurfacing work along Water Street from the east city limits of East Jordan easterly to Highway M-66, including storm sewer upgrade, tree removal, trenching, aggregate shoulder, concrete curb and gutter, and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 71,500
FHWA STP – Rural Funds	\$103,700
City of East Jordan Funds	<u>\$182,500</u>
Total Funds	<u>\$357,700</u>

STL 15555 - 130357  
Letting of 2/1/2019

4. HIGHWAYS - Participation for State Local Bridge Construction Contract  
Contract (2018-5543) between MDOT and the Mackinac County Road Commission will provide for funding participation in the construction of the following improvements under Section 144 of Title 23 USC and the State Local Bridge Program:

PART A

Rehabilitation work for structure 5976, which carries Hiawatha Trail over the Black River Section 7, T42N and T43N, R08W, Hudson Township. Rehabilitation work for structure 5978, which carries St. Ignace Road over Nuns Creek, Sections 4 and 9, T41N and T42N, R02W, Marquette Township. Rehabilitation work for structure 5987, which carries Three Mile Road over the Munuscong River, Section 32, T42N, R02W, Clark Township. Rehabilitation work for structure 5988, which carries East Lake Road over the Carp River, Sections 23 and 26, T43N, R05W, Brevort Township, Mackinac County, Michigan, including hot mix asphalt wearing surface and waterproofing membrane, deck joint replacement, approach, and maintenance of traffic work.

## PART B

Rehabilitation work for structure 5989, which carries Kenneth Road over Taylor Creek Sections 23 and 26, T43N, R05W, Brevort Township, and rehabilitation work for structure 5991, which carries Island 8 Road over Hill Channel, Section 32, T42N, R01W, Clark Township, Mackinac County, Michigan, including hot mix asphalt wearing surface and waterproofing membrane, deck joint replacement, approach, and maintenance of traffic work.

### Estimated Funds:

	<u>PART A</u>	<u>PART B</u>	<u>TOTAL</u>
Federal Highway Administration Funds	\$149,400	\$ 91,300	\$240,700
State Restricted Trunkline Funds	\$ 28,000	\$ 17,100	\$ 45,100
Mackinac County Road Commission Funds	\$ 9,300	\$ 5,700	\$ 15,000
Total Funds	<u>\$186,700</u>	<u>\$114,100</u>	<u>\$300,800</u>

BHT 49000; BO 49000 – 133089, 133217  
Letting of 3/1/2019

5. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2018-5544) between MDOT and the Alpena County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing work along French Road from approximately 0.5 miles south of Bloom Road northerly to Lacombe Road, including aggregate shoulder and permanent pavement marking work, together with necessary related work.

### Estimated Funds:

State Restricted TED Funds	\$180,600
Alpena County Road Commission Funds	<u>\$ 45,200</u>
Total Funds	<u>\$225,800</u>

EDD 04555 - 130315  
Letting of 3/1/2019

6. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2018-5549) between MDOT and the St. Clair County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Single chip seal and fog seal work along Bryce Road from Miller Road easterly to Keegan Road, along Dunnigan Road from Keegan Road easterly to east of Highway M-19, along Brandon Road from east of Highway M-19 easterly to Kilgore Road, and along Lapeer Road from Kilgore Road easterly to approximately 0.1 miles east of Wales Center Road, including pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$106,000
FHWA STP – Rural Funds	\$220,100
St. Clair County Road Commission Funds	<u>\$ 81,500</u>
Total Funds	<u>\$407,600</u>

STL 77000 - 203637  
Letting of 2/1/2019

7. HIGHWAYS - Participation for State Local Bridge Construction Contract  
Contract (2019-5012) between MDOT and the Alcona County Road Commission will provide for funding participation in the construction of the following improvements under Section 144 of Title 23 USC and the State Local Bridge Program:

Rehabilitation work for structure 9, which carries Bamfield Road over the AuSable River, Section 14, T25N, R05E, Curtis Township, Alcona County, Michigan, including hot mix asphalt bridge wearing surface, waterproofing membrane replacement, concrete beam end repair, substructure patching, bridge guardrail replacement, and maintenance of traffic work.

Estimated Funds:

Federal Highway Administration Funds	\$223,800
State Restricted Trunkline Funds	\$ 42,000
Alcona County Road Commission Funds	<u>\$ 13,900</u>
Total Funds	<u>\$279,700</u>

BHT 01000– 133066  
Letting of 3/1/2019

8. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5013) between MDOT and the Dickinson County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category F Funds, which are allocated for Local Agency projects (State Restricted TED Funds):

Hot mix asphalt crushing, shaping, and resurfacing work along Campbell Street from Breitung Cut-Off Road northerly to the south city limits of Iron Mountain, including peat excavation, aggregate base course, culvert replacement, and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$175,000
Dickinson County Road Commission Funds	<u>\$133,000</u>
Total Funds	<u>\$308,000</u>

EDF 22000 - 203214  
Letting of 3/1/2019

9. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5015) between MDOT and the Mackinac County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing work along County Road H-40 (Hiawatha Trail) from Highway M-117 easterly for approximately 2.36 miles, including shoulder, pavement marking, and traffic control work.

Estimated Funds:

State Restricted TED Funds	\$ 44,800
FHWA STP – Rural Funds	\$256,200
Mackinac County Road Commission Funds	<u>\$ 19,300</u>
Total Funds	<u>\$320,300</u>

STL 49555 - 130394  
Letting of 3/1/2019

10. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5021) between MDOT and the Delta County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt overlay along County Road 495 from 11.5 Lane northerly to Highway US-2, including aggregate shoulder, pavement marking, and traffic control work.

Estimated Funds:

State Restricted TED Funds	\$136,900
FHWA STP – Rural Funds	\$303,100
Delta County Road Commission Funds	<u>\$ 48,800</u>
Total Funds	<u>\$488,800</u>

STL 21000 - 205375

Letting of 3/1/2019

11. HIGHWAYS - Participation for Local Construction  
Amendatory Contract (2019-5044) between MDOT and DTE Electric Company will provide for funding participation in the following:

The purpose of this amendment is to provide authorization to DTE Electric Company for additional access to facilities within the Gordie Howe International Bridge (GHIB) plaza area, to add a quit claim deed (Exhibit 1) and termination and release documents (Exhibits 2 and 3), to add a provision requiring payment to DTE Electric Company within 60 days of receipt of billing, to add a provision that provides for no further relocation of utility gas and electric infrastructure on Springwells Court without additional accommodation, and to replace two of the contract exhibits with updated exhibits that increase the scope of work and modify the schedule for completion.

The original contract provides for the relocation of electric and gas infrastructure located within the GHIB plaza area, including conduit and underground cable and circuits, as well as manholes, pipeline(s), mains, service laterals, drips, valves, regulators, fittings, meters, and other equipment and appurtenances.



This amendment was previously approved by the State Transportation Commission on its January 29, 2019, Special Waiver; however, the amendment description and dollar amounts have been corrected.

Estimated Funds:

	<u>Original</u>	<u>As Amended</u>
DTE Electric Company Funds	\$49,600,000	\$60,900,000
Windsor-Detroit Bridge Authority Funds	<u>\$29,800,000</u>	<u>\$35,350,000</u>
Total Funds	<u>\$79,400,000</u>	<u>\$96,250,000</u>

MX 82194 - 113716; Wayne County  
Local Construction

12. PASSENGER TRANSPORTATION - Section 5339 Program

Project Authorization (14) Revision (3) under Master Agreement (2012-0048) between MDOT and the Blue Water Area Transportation Commission (BWATC) will extend the authorization term by one year to provide sufficient time for BWATC to complete the rehabilitation/renovation of the administrative/ maintenance facility. After starting the procurement process for the drive-on hoist, BWATC determined that a smaller hoist would better fit its needs. The procurement process will be restarted, which will delay the project. The original authorization provides state matching funds for the FY 2014 Federal Section 5339 Bus and Bus Facilities Formula Program grant for miscellaneous support equipment, facility renovations, and upgrade compressed natural gas facilities. The revised authorization term will be August 15, 2014, through February 14, 2020. The authorization amount remains unchanged at \$222,201. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$177,761; FY 2014 State Restricted Comprehensive Transportation Funds - \$44,440.

13. PASSENGER TRANSPORTATION - Marine Capital  
Project Authorization (6) under Master Agreement (2017-0018) between MDOT and the Beaver Island Transportation Authority (BITA) will provide 90 percent state marine capital funds for vessel system upgrades and dock support equipment for the Beaver Island Ferry System, which provides marine passenger service between Charlevoix and Beaver Island. The authorization will be in effect from the date of award through three years. The authorization amount will be \$222,222. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2019 State Restricted Comprehensive Transportation Funds - \$200,000; BITA Funds - \$22,222.
14. PASSENGER TRANSPORTATION - Michigan Mobility Challenge  
Project Authorization (5) under Master Agreement (2017-0119) between MDOT and the Regional Transit Authority of Southeast Michigan will provide 100 percent state funds under the FY 2019 Michigan Mobility Challenge to pilot an integrated online booking and trip-management platform for seniors and persons with disabilities who use paratransit services in southeast Michigan. The authorization will be in effect from the date of award through one year. The authorization amount will be \$1,050,000. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 State Transportation Funds - \$1,050,000.
15. \*PASSENGER TRANSPORTATION - Michigan Mobility Challenge  
Contract (2019-0221) between MDOT and Pratt & Miller Engineering will provide 100 percent state funds under the FY 2019 Michigan Mobility Challenge for the procurement and modification of autonomous mobility vehicles for use by visitors to and patients at Veterans Health Administration medical facilities. The contract will be in effect from the date of award through one year. The contract amount will be \$2,198,809. Source of Funds: FY 2018 and FY 2019 State Transportation Funds - \$2,198,809.
16. \*RAIL – As-Needed Construction Engineering and Inspection Services  
Master Contract (2019-0206) between MDOT and WSP Michigan, Inc., will provide for as-needed construction engineering and inspection, technical assistance, and project management services to be performed to support MDOT projects on Michigan state-owned rail lines. The services may include tasks related to the oversight of rail construction work performed by contractors or railroad companies to support the improvement and implementation of accelerated rail services in Michigan and other construction engineering and inspection services as they may arise. The contract will be in effect from the date of award through February 1, 2024. The maximum contract amount will be \$810,000, and the maximum amount of any work order will be \$810,000. Source of Funds: 100% State Restricted Comprehensive Transportation Funds.

17. \*RAIL - Freight Economic Development Program

Contract (2019-0220) between MDOT and Menard, Inc. (dba Midwest Manufacturing), will provide financial assistance in the form of a grant to Menard, Inc. (dba Midwest Manufacturing), for the construction of a rail spur to serve its new facility in Livonia. A loan contract (2016-0400) was in place; however, Menard, Inc. (dba Midwest Manufacturing), has requested that the loan contract be modified into a grant contract. The contract will be in effect from September 8, 2016, until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate funds have been dispersed. The estimated project cost is \$708,731. MDOT will reimburse Menard, Inc. (dba Midwest Manufacturing), 50 percent of the project cost, up to a maximum amount of \$354,365.50. The contract provides for actual reimbursement to be calculated based on the number of carloads of freight shipped to and from the facility annually over a five-year reporting period. Menard, Inc. (dba Midwest Manufacturing), commits to shipping and/or receiving a minimum of 200 new carloads of freight from/at the facility via rail annually. Source of Funds: FY 2019 State Restricted Comprehensive Transportation Funds - \$354,365.50; Menard, Inc. (dba Midwest Manufacturing), Funds - \$354,365.50.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Paul C. Ajegba  
Director

## REQUEST FOR MICHIGAN STATE TRANSPORTATION

## COMMISSION APPROVAL

## BID LETTING PRE-APPROVAL

February 21, 2019

**STATE PROJECTS**

- |    |   |  |
|----|---|--|
| 1. | Letting of March 1, 2019<br>Letting Call: 1903 001<br>Project: NH 65041-201106, ETC<br>Local Agreement:<br>Start Date: May 6, 2019<br>Completion Date: July 2, 2019 | Prequalification Level:<br><b>\$5,112,000.00</b> |
|----|---|--|

8.48 mi of hot mix asphalt cold milling and resurfacing, joint repairs, shoulder corrugations and pavement markings on I-75 from Cook Road to west of the Ogemaw county line, Ogemaw County. This project includes a 3-year and 5-year materials and workmanship pavement warranty.

3.00 % DBE participation required

- |    |   |  |
|----|---|--|
| 2. | Letting of March 1, 2019<br>Letting Call: 1903 002<br>Project: NH 83013-119807<br>Local Agreement:<br>Start Date: April 15, 2019<br>Completion Date: September 19, 2020 | Prequalification Level:<br><b>\$771,000.00</b> |
|----|---|--|

Culvert replacement with Polymer-Precoated Galvanized Culvert, concrete curb and gutter, guardrail reconstruct and pavement markings on M-37 over Burkett Creek, Wexford County.

3.00 % DBE participation required

3. Letting of March 1, 2019  
Letting Call: 1903 003  
Project: GF19 73091-116069  
Local Agreement: 19-5010  
Start Date: June 3, 2019  
Completion Date: May 29, 2020
- Prequalification Level:  
**\$6,043,000.00**

5.61 mi of hot mix asphalt cold milling and resurfacing, detail 7 & 8 joint repairs, culvert repairs, concrete barrier, curb and gutter, guardrail and pavement markings on M-13 from the Zilwaukee Bridge north to McGraw Street in the city of Bay City, Bay and Saginaw Counties.

0.00 % DBE participation required

4. Letting of March 1, 2019  
Letting Call: 1903 017  
Project: GF19 77111-204176  
Local Agreement:  
Start Date: May 6, 2019  
Completion Date: September 7, 2019
- Prequalification Level:  
**\$2,474,000.00**

Bridge rehabilitation including deck patching, epoxy overlay, expansion joint replacement and pavement markings on 32 structures along I-94 from Meisner Road to Water Street in the city of Port Huron, St. Clair County. This project includes a 5-year thin epoxy overlay performance warranty.

0.00 % DBE participation required

5. Letting of March 1, 2019  
Letting Call: 1903 018  
Project: M 82023-79788, ETC  
Local Agreement:  
Start Date: April 15, 2019  
Completion Date: November 15, 2019
- Prequalification Level:  
**\$17,711,000.00**

5.20 mi of concrete and hot mix asphalt pavement repairs, cold milling and resurfacing, concrete pavement, curb and gutter, and bridge rehabilitation of 6 structures including concrete deck replacement and patching, concrete overlay, epoxy overlay, beam repair, heat straightening, cleaning and coating, and pavement markings on 24th Street over I-94, on CSX Railroad over I-94, on Conrail Railroad over I-94, on GTW and Conrail Railroad over I-94, on I-94 eastbound ramp to M-10 over I-94 westbound and M-10 and on Warren Avenue over I-94 in the city of Detroit, Wayne County. This project includes a 5-year materials and workmanship pavement warranty and a 2-year concrete surface coating warranty.

2.00 % DBE participation required

6. Letting of March 1, 2019  
Letting Call: 1903 019  
Project: ST 34031-119006, ETC  
Local Agreement:  
Start Date: May 28, 2019  
Completion Date: June 15, 2020
- Prequalification Level:  
**\$9,662,000.00**

7.02 mi of hot mix asphalt resurfacing, asphalt stabilized crack relief layer, concrete curb, gutter, joint replacement, culverts, drainage, guardrail, precast concrete box culvert, sinusoidal corrugations and pavement markings on M-66 from south of the south Ionia county line to north of Portland Road, Ionia County. This project includes a 5-year materials and workmanship pavement warranty.

3.00 % DBE participation required

7. Letting of March 1, 2019  
Letting Call: 1903 020  
Project: IM 76024-201422  
Local Agreement:  
Start Date: June 3, 2019  
Completion Date: September 21, 2019
- Prequalification Level:  
**\$7,567,000.00**

4.45 mi of concrete pavement repairs and reconstruction, hot mix asphalt paving, earthwork, drainage, and pavement markings on I-69 from Bath Road to east of M-52, Shiawassee County. This project includes a 5-year materials and workmanship pavement warranty.

3.00 % DBE participation required

8. Letting of March 1, 2019  
Letting Call: 1903 023  
Project: GF19 82061-204005  
Local Agreement:  
Start Date: May 1, 2019  
Completion Date: September 15, 2019
- Prequalification Level:  
**\$5,307,000.00**

5.76 mi of joint and crack repairs, full depth concrete pavement repairs, hot mix asphalt longitudinal joint repairs, cold milling both the existing concrete and hot mix asphalt surface and a one course hot mix asphalt overlay on US-12 (Michigan Avenue) from Pershing Street to Gulley Road, in the cities of Wayne, Westland, Inkster and Dearborn Heights, Wayne County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

9. Letting of March 1, 2019  
Letting Call: 1903 024  
Project: ST 82023-132942  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: March 31, 2020
- Prequalification Level:  
**\$2,428,000.00**

Pump station rehabilitation of 3 pump stations including removal and replacement of mechanical and electrical components and structure upgrades and repairs on I-94 at Hecla Street, Brush Street and 14th Street in the city of Detroit, Wayne County. Special provision for Determination of Lowest Successful Bidder: The contract will be awarded to the bidder who submits the lowest total bid based on furnishing domestic steel and iron materials unless such total bid exceeds the lowest total bid based on furnishing foreign steel and iron materials by more than 25 percent.

0.00 % DBE participation required

10. Letting of March 1, 2019  
Letting Call: 1903 025  
Project: HSIP 63000-203021  
Local Agreement:  
Start Date: May 13, 2019  
Completion Date: December 1, 2019
- Prequalification Level:  
**\$1,109,000.00**

Application of special pavement markings on various routes, Macomb, Oakland and Wayne Counties.

0.00 % DBE participation required

11. Letting of March 1, 2019  
Letting Call: 1903 027  
Project: IM 70063-131775  
Local Agreement:  
Start Date: April 10, 2019  
Completion Date: August 12, 2019
- Prequalification Level:  
**\$2,704,000.00**

14.95 mi of concrete pavement repairs, hot mix asphalt ramp cold milling and resurfacing, longitudinal joint repairs, sidewalk and ADA ramps on I-96 from west of 68th Avenue east to west of Bristol Avenue in the cities of Coopersville and Walker, Ottawa and Kent Counties. This project includes a 3-year materials and workmanship pavement warranty.

3.00 % DBE participation required

12. Letting of March 1, 2019  
Letting Call: 1903 047  
Project: MRR 82144-204008, ETC  
Local Agreement:  
Start Date: April 15, 2019  
Completion Date: October 11, 2019
- Prequalification Level:  
**\$12,581,000.00**

10.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb, gutter and sidewalk ramps, drainage, 2 railroad crossing improvements and pavement markings on 8 Mile Road from Woodward Ave to I-94 in the cities of Detroit, Harper Woods, Ferndale, Hazel Park, Warren and Eastpointe, Macomb, Wayne and Oakland Counties. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

13. Letting of March 1, 2019  
Letting Call: 1903 048  
Project: NH 50022-201387  
Local Agreement:  
Start Date: July 22, 2019  
Completion Date: October 18, 2019
- Prequalification Level:  
**\$2,665,000.00**

2.38 mi of concrete pavement repairs, curb, and gutter and pavement markings on M-59 from Romeo Plank Road to Elizabeth Street, Macomb County.

5.00 % DBE participation required

14. Letting of March 1, 2019  
Letting Call: 1903 049  
Project: HSIP 33084-203028  
Local Agreement:  
Start Date: April 15, 2019  
Completion Date: December 1, 2019
- Prequalification Level:  
**\$2,623,000.00**

Application of longitudinal pavement markings on various state trunklines, Clinton, Eaton, Ingham, Livingston, Jackson, Washtenaw, Hillsdale, Lenawee and Monroe Counties.

0.00 % DBE participation required



15. Letting of March 1, 2019  
Letting Call: 1903 050  
Project: NH 21051-201221  
Local Agreement:  
Start Date: July 29, 2019  
Completion Date: October 11, 2019
- Prequalification Level:  
**\$2,536,000.00**

16.11 mi of micro-cold milling, overband crack fill, paver placed surface seal and aggregate shoulder and pavement markings on US-41 from US-2 to the south Alger county line, Delta County. This project includes a 3-year pavement performance warranty.

0.00 % DBE participation required

16. Letting of March 1, 2019  
Letting Call: 1903 051  
Project: M 60011-200988  
Local Agreement:  
Start Date: September 23, 2019  
Completion Date: November 8, 2019
- Prequalification Level:  
**\$1,570,000.00**

7.04 mi of hot mix asphalt cold milling and single course resurfacing, shoulders and pavement markings on M-33 from south of Greasy Creek Road to south of M-32, Montmorency County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

17. Letting of March 1, 2019  
Letting Call: 1903 052  
Project: CM 50072-120387, ETC  
Local Agreement: 19-5016  
Start Date: April 29, 2019  
Completion Date: August 31, 2019
- Prequalification Level:  
**\$962,000.00**

1.69 mi of construction of right turn lanes, signal upgrades, pavement markings and hot mix asphalt overlay on a carpool lot on M-29 at Donner Road, Seadon Drive and Sass Road, Macomb County.

5.00 % DBE participation required

18. Letting of March 1, 2019  
Letting Call: 1903 058  
Project: GF19 45041-204228  
Local Agreement:  
Start Date: August 19, 2019  
Completion Date: November 15, 2019
- Prequalification Level:  
**\$2,353,000.00**

8.89 mi of hot mix asphalt cold milling and resurfacing, crack, chip and fog sealing, concrete curb, gutter, sidewalk and ramps, trenching and pavement markings on M-22 from M-204 to Reynolds Street and on M204 from M-22 (west junction) to M-22 (east junction) in the village of Suttons Bay, Leelanau County. This project includes two 3-year materials and workmanship pavement warranties and a 2-year pavement performance warranty.

0.00 % DBE participation required

19. Letting of March 1, 2019  
Letting Call: 1903 059  
Project: NH 39041-113129  
Local Agreement:  
Start Date: May 6, 2019  
Completion Date: July 19, 2019
- Prequalification Level:  
**\$742,000.00**

1.15 mi of concrete pavement repairs, hot mix asphalt cold milling and resurfacing, ADA ramp upgrades and pavement markings on I-94BL (Stadium Drive) from east of Seneca Lane to Howard Street in the city of Kalamazoo, Kalamazoo County.

3.00 % DBE participation required

20. Letting of March 1, 2019  
Letting Call: 1903 060  
Project: M 82111-205946  
Local Agreement:  
Start Date: May 29, 2019  
Completion Date: September 15, 2019
- Prequalification Level:  
**\$690,000.00**

Bridge rehabilitation including structural steel repairs, substructure patching and carbon fiber wrap on Warren Avenue, Glendale Avenue and Wyoming Avenue over M-10 and on CSX over I-96 eastbound and westbound in the city of Detroit, Wayne County.

0.00 % DBE participation required

21. Letting of March 1, 2019  
Letting Call: 1903 062  
Project: M 75052-201148  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: October 15, 2019
- Prequalification Level:  
**\$1,887,000.00**

11.90 mi of hot mix asphalt cold milling and single course overlay, shoulder gravel and pavement markings on M-77 from M-28 to the Alger/Schoolcraft county line, Schoolcraft County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

22. Letting of March 1, 2019  
Letting Call: 1903 063  
Project: GF19 49023-203833  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: August 30, 2019
- Prequalification Level:  
**\$858,000.00**

4.44 mi of micro-cold milling and hot mix asphalt ultra-thin overlay, aggregate shoulders, pavement markings, and centerline and shoulder corrugations on US-2 from east of Worth Road to east of Wildwood Lane, Mackinac County. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

23. Letting of March 1, 2019  
Letting Call: 1903 064  
Project: M 03071-201203  
Local Agreement:  
Start Date: August 5, 2019  
Completion Date: October 11, 2019
- Prequalification Level:  
**\$697,000.00**

3.78 mi of hot mix asphalt cold milling, single course overlay, concrete curb, gutter and driveway and pavement markings on M-40 from the Van Buren/Allegan county line north to 32nd Street, Allegan County. This project includes two 3-year materials and workmanship pavement warranties.

0.00 % DBE participation required

24. Letting of March 6, 2019  
Letting Call: 1903 601  
Project: ST 41000-201238  
Local Agreement:  
Start Date: July 15, 2019  
Completion Date: September 27, 2019
- Prequalification Level:  
**\$513,000.00**

Up to 132.59 Inmi of hot mix asphalt crack treatment on various trunkline routes in the cities of Ionia, Lowell, Belding, Walker, Kentwood and Grand Rapids, villages of Muir and Pewamo, Ionia, Kent and Montcalm Counties. This project will be constructed with an innovative contracting method, Fixed Price Variable Scope.

0.00 % DBE participation required

25. Letting of March 15, 2019  
Letting Call: 1903 901  
Project: 58151-119803, ETC  
Local Agreement:  
Start Date: March 18, 2019  
Completion Date: September 19, 2022
- Prequalification Level:  
**\$99,313,000.00**

5.06 mi of roadway reconstruction, concrete curb, gutter, sidewalk and driveway, drainage, sewer, culverts, shoulder corrugations, signing, pavement markings, reconstruction of 9 structures with prestressed concrete bulb-tee, concrete I-beams, steel beams and precast concrete box culverts, rehabilitation of 2 structures including sheet piling, cofferdams, steel piles, deep overlay, deck patching, bridge barrier replacement and approach work on I-75 from the Michigan/Ohio state line to Erie Road, Monroe County. This project is an Alternate Pavement Bid project and an Alternate Treated Base project. Pavement alternate 1 is hot mix asphalt overlay that includes a 5-year materials and workmanship pavement warranty. Pavement alternate 2 is concrete overlay that includes a 5-year materials and workmanship pavement warranty. Base alternate 1 is asphalt treated. Base alternate 2 is cement treated. This project includes a 2-year warranty on concrete surface coating.

7.00 % DBE participation required

26. Letting of March 15, 2019 Prequalification Level:  
Letting Call: 1903 902 **\$20,928,000.00**  
Project: NH 78012-116377, ETC  
Local Agreement: 18-5509  
Start Date: May 6, 2019  
Completion Date: October 28, 2022

2.31 mi of hot mix asphalt reconstruction and shared use path, earthwork, drainage, concrete pavement, driveway, shared use path, curb, gutter, sidewalk and ramps, miscellaneous rehabilitation of 2 structures including hydro-demolition, epoxy overlay, concrete patching, riprap, approach work, signals, signing and pavement markings on US-131 from William R Monroe Boulevard north to the Rocky River in the city of Three Rivers, St. Joseph County. This project includes a 5-year materials and workmanship pavement warranty. This project is a pilot project that requires the contractor to use a digital model of the work proposed in lieu of plan sheets.

5.00 % DBE participation required

27. Letting of March 15, 2019 Prequalification Level:  
Letting Call: 1903 909 **\$2,532,000.00**  
Project: HSIP 41131-203017  
Local Agreement:  
Start Date: April 15, 2019  
Completion Date: November 1, 2019

Application of long line pavement markings on various routes, Allegan, Barry, Ionia, Kent, Lake, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola and Ottawa Counties.

0.00 % DBE participation required

28. Letting of March 15, 2019 Prequalification Level:  
Letting Call: 1903 911 **\$581,000.00**  
Project: NHG 84927-129132  
Local Agreement:  
Start Date: April 1, 2019  
Completion Date: May 31, 2019

Installation of 6 cantilevers, concrete sidewalk, and sign upgrades on I-94, M-8 and M-102 at various locations in the city of Detroit, Wayne County.

0.00 % DBE participation required

29. Letting of March 15, 2019                      Prequalification Level:  
Letting Call: 1903 912                              **\$2,986,000.00**  
Project: ST 38021-132528  
Local Agreement: 18-5489, 18-5490  
Start Date: July 8, 2019  
Completion Date: October 18, 2019

7.75 mi of hot mix asphalt single course cold milling and resurfacing, detail 7 joint repairs, shoulder widening and paving, slope restoration and pavement markings on M-124 from US-12 to M-50, Lenawee and Jackson Counties. This project includes a 3-year materials and workmanship pavement warranty.

5.00 % DBE participation required

30. Letting of March 15, 2019                      Prequalification Level:  
Letting Call: 1903 913                              **\$2,730,000.00**  
Project: NH 81103-200987  
Local Agreement:  
Start Date: April 15, 2019  
Completion Date: June 28, 2019

7.91 mi of paver placed surface seal, shoulder corrugations and pavement markings on M-14 from east of Earhart Road easterly to the Washtenaw/Wayne county line, Washtenaw County. This project includes a 3-year pavement performance warranty.

0.00 % DBE participation required

31. Letting of March 15, 2019                      Prequalification Level:  
Letting Call: 1903 914                              **\$2,185,000.00**  
Project: ST 21032-201219  
Local Agreement:  
Start Date: April 29, 2019  
Completion Date: September 6, 2019

25.80 mi of overband crack fill, double chip seal and micro-surfacing on M-35 from US-2 northerly to the north Delta county line, Delta County. This project includes two 2-year pavement performance warranties.

0.00 % DBE participation required

0.00 % DBE participation required

0.00 % DBE participation required

0.00 % DBE participation required

35. Letting of March 15, 2019                      Prequalification Level:  
Letting Call: 1903 918                              **\$800,000.00**  
Project: GF19 20012-204256  
Local Agreement:  
Start Date: September 3, 2019  
Completion Date: October 25, 2019

0.90 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, curb, gutter and driveway openings and pavement markings on I-75BL from the I-75 northbound off ramp and the I-75 southbound on ramp to northerly of the Lake State Railroad in the city of Grayling, Crawford County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

36. Letting of March 15, 2019                      Prequalification Level:  
Letting Call: 1903 919                              **\$787,000.00**  
Project: ST 16051-200939  
Local Agreement:  
Start Date: June 3, 2019  
Completion Date: July 12, 2019

10.68 mi of overband crack seal, single course chip seal, fog seal and pavement markings on M-33 from M68 northerly to south of Long Lake Road and M-212 from M-33 to the Aloha State Park Entrance, Cheboygan County. This project contains a 2-year pavement performance warranty.

0.00 % DBE participation required

37. Letting of March 15, 2019                      Prequalification Level:  
Letting Call: 1903 920                              **\$516,000.00**  
Project: ST 10011-200974  
Local Agreement:  
Start Date: September 3, 2019  
Completion Date: October 18, 2019

1.19 mi of hot mix asphalt cold milling and resurfacing, concrete ramps and pavement markings on M-22 from north of Old M-168 to M-115 in the village of Elberta and city of Frankfort, Benzie County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required



38. Letting of March 15, 2019  
Letting Call: 1903 921  
Project: NHG 41000-132548  
Local Agreement:  
Start Date: April 29, 2019  
Completion Date: June 12, 2020

Prequalification Level:  
**\$2,559,000.00**

Cantilever replacements, concrete curb, gutter and sidewalk, steel sheet piling, guardrail, signing and pavement markings on various routes in the cities of Grand Rapids, Wyoming, Grandville and Walker, Kent County.

3.00 % DBE participation required

39. Letting of March 15, 2019  
Letting Call: 1903 922  
Project: NH 58034-200982  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: May 30, 2019

Prequalification Level:  
**\$595,000.00**

3.85 mi of concrete pavement repair on US-23 from School Road to Ida Center Road, Monroe County.

3.00 % DBE participation required

40. Letting of March 15, 2019  
Letting Call: 1903 923  
Project: ST 26032-204383  
Local Agreement:  
Start Date: May 6, 2019  
Completion Date: August 2, 2019

Prequalification Level:  
**\$1,630,000.00**

16.80 mi of multiple course micro-surfacing, overband crack filling and culvert replacements on M-30 from M-61 northerly to the Gladwin/Ogemaw county line, Gladwin and Ogemaw Counties. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

41. Letting of March 15, 2019  
Letting Call: 1903 924  
Project: NH 55031-201208  
Local Agreement:  
Start Date: May 13, 2019  
Completion Date: August 30, 2019

Prequalification Level:  
**\$1,475,000.00**

9.17 mi of micro-cold milling and resurfacing, joint repairs, overband crack treatment, cape seal and shoulder aggregate on M-35 from Jimtown Road northerly to Dunkas Road, Menominee County. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required



2.00 % DBE participation required

0.00 % DBE participation required

3.00 % DBE participation required

## LOCAL PROJECTS

48. Letting of March 1, 2019  
Letting Call: 1903 004  
Project: TA 63000-200805  
Local Agreement: 19-5007  
Start Date: April 15, 2019  
Completion Date: September 20, 2021
- Prequalification Level:  
**\$1,483,000.00**

1.63 mi of shared use path, sidewalk ramps, drainage, signing and pavement markings on West 9 Mile Road from Pinecrest Drive to McClain Drive in the city of Oak Park, Oakland County. This is a Local Agency project.

5.00 % DBE participation required

49. Letting of March 1, 2019  
Letting Call: 1903 006  
Project: HSIP 76000-203457  
Local Agreement: 18-5568  
Start Date: June 10, 2019  
Completion Date: October 11, 2019
- Prequalification Level:  
**\$1,193,000.00**

0.34 mi of hot mix asphalt resurfacing, curb and gutter, watermain, storm sewer, signing and pavement markings on South Washington Street from Gute Street northerly to M-71 in the city of Owosso, Shiawassee County. This is a Local Agency project.

4.00 % DBE participation required

50. Letting of March 1, 2019  
Letting Call: 1903 007  
Project: BHT 82000-204746  
Local Agreement: 18-5554  
Start Date: 10 days after award  
Completion Date: August 30, 2019
- Prequalification Level:  
**\$861,000.00**

Deck patching, epoxy deck overlay, concrete deck overlay, bridge railing repair and approach work on Ann Arbor Trail over Middle River Rouge and Newburgh Road over Tonquish Creek, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

51. Letting of March 1, 2019  
Letting Call: 1903 008  
Project: STU 41000-200863  
Local Agreement: 18-5553  
Start Date: 10 days after award  
Completion Date: August 22, 2019
- Prequalification Level:  
**\$521,000.00**

Bridge surface and partial beam removal and replacement, deck joint replacement and approach work on 10 Mile Road (West Division Street NE) over Rogue River, Kent County. This is a Local Agency project.

0.00 % DBE participation required

52. Letting of March 1, 2019  
Letting Call: 1903 012  
Project: STU 81000-203554  
Local Agreement: 18-5547  
Start Date: June 15, 2019  
Completion Date: August 31, 2019
- Prequalification Level:  
**\$745,000.00**

1.04 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage and pavement markings on Industrial Drive from Bemis Road to Woodland Drive, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

53. Letting of March 1, 2019  
Letting Call: 1903 013  
Project: HSIP 41000-203331  
Local Agreement: 18-5565  
Start Date: 10 days after award  
Completion Date: August 16, 2019
- Prequalification Level:  
**\$633,000.00**

Signal modernization including signal head, backplates, pedestrian signal, controller and cabinet, sidewalk and pavement markings at several intersections along Division Avenue and Leonard Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

0.00 % DBE participation required

54. Letting of March 1, 2019  
Letting Call: 1903 016  
Project: STU 63000-203459  
Local Agreement: 19-5003  
Start Date: April 15, 2019  
Completion Date: December 20, 2019
- Prequalification Level:  
**\$1,919,000.00**

0.95 mi of hot mix asphalt cold milling and resurfacing, concrete driveway, curb and gutter, drainage, signing, structure adjustments, traffic signal and pavement markings on Pinecrest Drive from 8 Mile Road to 9 Mile Road in the city of Ferndale, Oakland County. This is a Local Agency project.

4.00 % DBE participation required

55. Letting of March 1, 2019  
Letting Call: 1903 029  
Project: STU 41000-130540, ETC  
Local Agreement: 18-5557, 19-4014  
Start Date: 10 days after award  
Completion Date: September 6, 2019
- Prequalification Level:  
**\$1,464,000.00**

0.90 mi of hot mix asphalt resurfacing and widening, drainage, concrete pavement, curb, gutter, sidewalk and ramps, signals and pavement markings on Sparks Drive/Forest Hill Avenue from East Paris Avenue to Burton Street in the city of Kentwood, Kent County. This is a Local Agency project.

4.00 % DBE participation required

56. Letting of March 1, 2019  
Letting Call: 1903 030  
Project: STU 39000-130999  
Local Agreement: 19-5031  
Start Date: May 6, 2019  
Completion Date: July 29, 2019
- Prequalification Level:  
**\$1,325,000.00**

0.60 mi of hot mix asphalt cold milling and resurfacing, pavement removal, aggregate base, concrete driveway, curb, gutter, sidewalk and ramps, drainage, watermain and pavement markings on Romence Road from Oakland Drive to Constitution Boulevard in the city of Portage, Kalamazoo County. This is a Local Agency project.

5.00 % DBE participation required

57. Letting of March 1, 2019  
Letting Call: 1903 031  
Project: TAU 25402-130836  
Local Agreement: 19-5011  
Start Date: April 1, 2019  
Completion Date: September 30, 2019
- Prequalification Level:  
**\$1,262,000.00**

1.39 mi of hot mix asphalt shared use path, ADA ramps, signing and pavement markings on Flint River Trail from Vassar Road to Irish Road, Genesee County. This is a Local Agency project.

5.00 % DBE participation required

58. Letting of March 1, 2019  
Letting Call: 1903 032  
Project: MCS 33000-129375  
Local Agreement: 19-5019  
Start Date: 10 days after award  
Completion Date: October 31, 2019
- Prequalification Level:  
**\$1,017,000.00**

Bridge removals and replacements with a precast 4-sided concrete box culvert and approach work on Olds Road over Perry Creek, Ingham County. This is a Local Agency project.

0.00 % DBE participation required

59. Letting of March 1, 2019  
Letting Call: 1903 033  
Project: CM 41000-130599  
Local Agreement: 18-5563  
Start Date: 10 days after award  
Completion Date: August 30, 2019
- Prequalification Level:  
**\$759,000.00**

0.11 mi of concrete pavement, curb, gutter, sidewalk and ramps, drainage, signals and pavement markings on Patterson Avenue at 44th Street in the city of Kentwood, Kent County. This is a Local Agency project.

3.00 % DBE participation required

60. Letting of March 1, 2019  
Letting Call: 1903 034  
Project: STU 41000-130695  
Local Agreement: 18-5559  
Start Date: April 15, 2019  
Completion Date: June 28, 2019
- Prequalification Level:  
**\$711,000.00**

2.02 mi of hot mix asphalt base crushing, shaping and resurfacing and pavement markings on 6 Mile Road from west of Walker Avenue to Alpine Avenue, Kent County. This is a Local Agency project.

3.00 % DBE participation required

61. Letting of March 1, 2019  
Letting Call: 1903 035  
Project: STU 41000-130688  
Local Agreement: 19-5024  
Start Date: June 10, 2019  
Completion Date: August 23, 2019
- Prequalification Level:  
**\$607,000.00**

1.00 mi of hot mix asphalt resurfacing, concrete curb, gutter and sidewalk ramps, roadway grading and pavement markings on Byron Center Avenue from 92nd Street to 84th Street, Kent County. This is a Local Agency project.

3.00 % DBE participation required

62. Letting of March 1, 2019  
Letting Call: 1903 038  
Project: STU 61000-130796  
Local Agreement: 19-5041  
Start Date: 10 days after award  
Completion Date: September 13, 2019
- Prequalification Level:  
**\$5,711,000.00**

0.88 mi of concrete pavement reconstruction, storm sewer, concrete curb, gutter and sidewalk, streetscape and pavement markings on Lakeshore Drive from McCracken Street to Laketon Avenue in the city of Muskegon, Muskegon County. This is a Local Agency project.

4.00 % DBE participation required

63. Letting of March 1, 2019  
Letting Call: 1903 039  
Project: STL 55141-129717  
Local Agreement: 19-5030  
Start Date: May 15, 2019  
Completion Date: August 30, 2019
- Prequalification Level:  
**\$1,076,000.00**

2.57 mi of hot mix asphalt reconstruction and pavement markings on County Road 400 north of US-2, Menominee County. This is a Local Agency project.

0.00 % DBE participation required



64. Letting of March 1, 2019  
Letting Call: 1903 040  
Project: CM 44000-130853  
Local Agreement: 19-5038  
Start Date: June 10, 2019  
Completion Date: October 31, 2019
- Prequalification Level:  
**\$902,000.00**

0.60 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb and gutter, embankment, earth excavation, aggregate base, aggregate shoulder, arch culvert, storm sewer, guardrail and pavement markings on Millville Road at Davis Lake Road, Lapeer County. This is a Local Agency project.

4.00 % DBE participation required

65. Letting of March 1, 2019  
Letting Call: 1903 041  
Project: STU 82000-203502  
Local Agreement: 19-5034  
Start Date: July 17, 2019  
Completion Date: September 6, 2019
- Prequalification Level:  
**\$825,000.00**

0.94 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, concrete curb, gutter, sidewalk and driveway and pavement markings on Ann Arbor Trail from Eckles Road to Newburgh Road in the city of Livonia, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

66. Letting of March 1, 2019  
Letting Call: 1903 044  
Project: TA 11051-131063-2  
Local Agreement: 18-5242  
Start Date: 10 days after award  
Completion Date: October 28, 2021
- Prequalification Level:  
**\$968,000.00**

1.05 mi of hot mix asphalt shared use path, steel pedestrian bridge, cofferdams, concrete sidewalk ramps, culvert and signing on Indiana-Michigan River Valley Trail from the Brandywine Creek Nature Preserve to Fort Street, Berrien County. This is a Local Agency project.

3.00 % DBE participation required

67. Letting of March 1, 2019  
Letting Call: 1903 045  
Project: CMG 82000-202825  
Local Agreement: 19-5036  
Start Date: 10 days after award  
Completion Date: June 30, 2020
- Prequalification Level:  
**\$1,620,000.00**

Traffic signal modernization at 18 locations along Rosa Parks Boulevard from Lafayette Street to Oakman Boulevard and on Russell Street from Ferry Street to Chrysler Freeway Service Drive/Holbrook Road in the city of Detroit, Wayne County. This is a Local Agency project.

0.00 % DBE participation required

68. Letting of March 1, 2019  
Letting Call: 1903 046  
Project: EDF 61000-203221  
Local Agreement: 19-5035  
Start Date: July 8, 2019  
Completion Date: September 6, 2019
- Prequalification Level:  
**\$553,000.00**

0.46 mi of hot mix asphalt cold milling and resurfacing and concrete pavement repair on Whitehall Road from Holton Road (M-120) to the north city limits of North Muskegon in the city of North Muskegon, Muskegon County. This is a Local Agency project.

0.00 % DBE participation required

69. Letting of March 1, 2019  
Letting Call: 1903 066  
Project: STUL 23439-133065  
Local Agreement: 19-5023  
Start Date: May 2, 2019  
Completion Date: September 27, 2019
- Prequalification Level:  
**\$1,123,000.00**

0.20 mi of hot mix asphalt reconstruction with concrete curb and gutter, concrete curb, gutter, sidewalk and ADA ramps, storm and sanitary sewer, watermain, signing and pavement markings on West Lovett Street from Cochran Avenue (M-50) to Clinton Street in the city of Charlotte, Eaton County. This is a Local Agency project.

5.00 % DBE participation required

70. Letting of March 1, 2019  
Letting Call: 1903 067  
Project: STUL 13000-204636  
Local Agreement: 19-5026  
Start Date: 10 days after award  
Completion Date: August 23, 2019
- Prequalification Level:  
**\$978,000.00**

0.67 mi of hot mix asphalt reconstruction, aggregate base, concrete curb, gutter and ADA ramps, watermain, signing and pavement markings on North Street from North Eaton Street to Burr Oak Street in the city of Albion, Calhoun County. This is a Local Agency project.

3.00 % DBE participation required

71. Letting of March 1, 2019  
Letting Call: 1903 068  
Project: STU 50000-202968-2  
Local Agreement: 18-5477  
Start Date: July 8, 2019  
Completion Date: October 15, 2019
- Prequalification Level:  
**\$909,000.00**

0.98 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, base repair, drainage, signing and pavement markings on Masonic Boulevard from Utica Road to Kelly Road, Macomb County. This is a Local Agency project.

4.00 % DBE participation required

72. Letting of March 1, 2019  
Letting Call: 1903 069  
Project: STUL 51000-200761  
Local Agreement: 19-5033  
Start Date: June 3, 2019  
Completion Date: September 28, 2019
- Prequalification Level:  
**\$871,000.00**

0.45 mi of hot mix asphalt reconstruction including pavement removal, concrete curb, gutter, sidewalks, sewer, drainage, signing and pavement markings on 12th Street from Maple Street to US-31 in the city of Manistee, Manistee County. This is a Local Agency project.

0.00 % DBE participation required

73. Letting of March 1, 2019  
Letting Call: 1903 070  
Project: BO 56000-133017  
Local Agreement: 19-5020  
Start Date: May 1, 2019  
Completion Date: July 31, 2019
- Prequalification Level:  
**\$630,000.00**

Replace wearing surface and waterproofing membrane, concrete box beam patching, replace expansion joint and heavy riprap on Magruder Road over Pine River and North Saginaw Road over Big Salt River, Midland County. This is a Local Agency project.

0.00 % DBE participation required

74. Letting of March 1, 2019  
Letting Call: 1903 073  
Project: BRT 52000-133092  
Local Agreement: 19-5027  
Start Date: 10 days after award  
Completion Date: October 15, 2019
- Prequalification Level:  
**\$660,000.00**

Bridge replacement with precast three-sided culvert, cofferdams, drainage, approach work and pavement markings on County Road 478 over Black River, Marquette County. This is a Local Agency project.

0.00 % DBE participation required

75. Letting of March 1, 2019  
Letting Call: 1903 074  
Project: TAU 41401-127069  
Local Agreement: 19-5008  
Start Date: 10 days after award  
Completion Date: August 31, 2019
- Prequalification Level:  
**\$566,000.00**

2.90 mi of hot mix asphalt shared use path, concrete sidewalks, ramps and pavement markings on Interurban Trail from Kelloggsville Park to 32nd Street in the city of Wyoming, Kent County. This is a Local Agency project.

4.00 % DBE participation required

76. Letting of March 1, 2019  
Letting Call: 1903 075  
Project: STL 40555-130367  
Local Agreement: 19-5029  
Start Date: May 6, 2019  
Completion Date: November 1, 2019
- Prequalification Level:  
**\$1,124,000.00**

2.83 mi of hot mix asphalt base crushing, shaping, and resurfacing, signing and pavement markings on Lund Road SW from Good Road east to M-66, Kalkaska County. This is a Local Agency project.

0.00 % DBE participation required

77. Letting of March 1, 2019  
Letting Call: 1903 076  
Project: MCS 13000-133087  
Local Agreement: 19-5047  
Start Date: 10 days after award  
Completion Date: August 30, 2019
- Prequalification Level:  
**\$1,019,000.00**

Bridge replacement with precast three-sided culvert, concrete sidewalk, curb, gutter, driveway, sewer, drainage, guardrail, cofferdams, steel piles and approach work on Monroe Street over Rice Creek in the city of Marshall, Calhoun County. This is a Local Agency project.

0.00 % DBE participation required

78. Letting of March 1, 2019  
Letting Call: 1903 077  
Project: STL 19555-130121  
Local Agreement: 19-5028  
Start Date: April 15, 2019  
Completion Date: May 24, 2019
- Prequalification Level:  
**\$515,000.00**

2.54 mi of hot mix asphalt base crushing, shaping, and resurfacing, trenching and aggregate shoulders on Dewitt Road from Cutler Road north to Alward Road, Clinton County. This is a Local Agency project.

3.00 % DBE participation required



## **FREIGHT SERVICES**

82. Letting of March 1, 2019  
Letting Call: 1903 080  
Project: CTF 28000-205495  
Local Agreement:  
Start Date: 0 days after award  
Completion Date: 365 Calendar Days

Prequalification Level:  
**\$1,144,000.00**

11.00 mi of tie replacement and track surfacing work on the Great Lakes Central Railroad between Walton Junction and Traverse City, Grand Traverse County.

0.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

*Signed copy on file*

Paul C. Ajegba  
Director

## **LETTING STATISTICS**

FEBRUARY 2019

### **STATE PROJECTS OVERVIEW**

The February 1, 6, 13, and 15, 2019, bid lettings, included 47 State trunkline projects with \$173.6 million in total engineer estimates. The low bids received totaled \$181.6 million. The average low bid for the State trunkline projects let was \$3.9 million and the median of \$1.7 million. Of the 47 State projects let, 34 included warranties with \$165.0 million as the low bid total. The State projects received a total of 113 bids. In comparison to February of 2018 totals, 44 State trunkline projects were let with total engineer estimates of \$125.3 million and total low bid dollars of \$111.2 million. The State projects for February of 2018 received a total of 132 bids.

For fiscal year 2019 to date, 148 State trunkline projects have been let with a low bid total of \$518.8 million. For the same period of fiscal year 2018, 151 State projects were let with the low bid total of \$345.8 million.

### **PROJECTS BID SUMMARY**

A total of 241 bids were received for the 82 projects let in the February bid lettings for an average of 2.94 bids received per project.

Of the February bid lettings, there were two projects postponed, two projects withdrawn, and currently, three projects for which all bids are rejected.

Of the 103 contracting companies eligible to submit bids for the February lettings, 85 submitted at least one bid.

### **JOB PROJECTIONS**

Job projections are State trunkline jobs specific in category and are classified under the work groups of road, bridge, and traffic and safety.

The list of jobs projected to be let during FY 2019 was updated on 02/19/2019 to include a total of 305 State jobs with total construction cost estimates of \$824.9 million.

For fiscal year 2019 through February, 95.6% of State jobs anticipated for this period have been let using 92.0% of the projected cost estimates. For the same period of FY 2018, 98.3% of State jobs were let using 94.5% of the projected construction costs.

### **UPCOMING LETTING STATS**

The **March 1, 2019**, Bid Letting is advertising 33 State projects with an engineer estimate total of \$93.6 million. Of the 33 State projects, 15 include warranties with total engineer estimates of \$73.5 million. In addition, 45 Local Area projects with total engineer estimates of \$38.9 million, one Aeronautics project with total engineer estimates of \$1.0 million, and one Freight Services with an estimate of \$1.1 million, are scheduled to be let.

The **March 6, 2019**, Special Bid Letting is advertising one fixed-price variable scope project with a contract price of \$513.0 thousand. This project does not include warranties.

The **Special Letting of March 15, 2019** is currently advertising 30 State Trunkline projects with an engineer estimate total of \$157.8 million. Of the 30 State projects, 22 include warranties with \$147.5 million in total engineer estimates. In addition to the State projects advertised, there are seven Local Area projects with total engineer estimates of \$2.98 million scheduled to be let.



## FEBRUARY 2019 LETTING SUMMARY

STATISTICS	PROGRAM AREA				
	STATE	LOCAL	AERO	FREIGHT SERVICES	TOTALS
<b>Project Report</b>					
Number of Projects Let	47	31	4	0	82
Engineer Estimates of Projects Let	\$ 173,569,083.18	\$ 31,097,002.41	\$3,031,668.37	\$0.00	\$207,697,753.96
<b>Low Bid Report</b>					
Low Bid Totals	\$ 181,635,931.91	\$ 29,304,716.90	\$3,246,160.69	\$0.00	\$214,186,809.50
% over/under eng. est. of projects let	4.65%	-5.76%	7.08%	0.00%	3.12%
<b>TBA Report - Low Bids Pending</b>					
Number of TBAs	4	4	0	0	8
Engineer Estimates	\$3,641,437.87	\$3,214,607.31	\$0.00	\$0.00	\$6,856,045.18
Low Bid Amounts	\$4,282,087.02	\$3,951,998.09	\$0.00	\$0.00	\$8,234,085.11
% over/under engineer's estimate of TBA items	17.59%	22.94%	0.00%	0.00%	20.10%
<b>Bidder (Bids) Report</b>					
Number of Bids Received	113	119	9	0	241
Average # of Bidders per Project	2.40	3.84	2.25	0.00	2.94

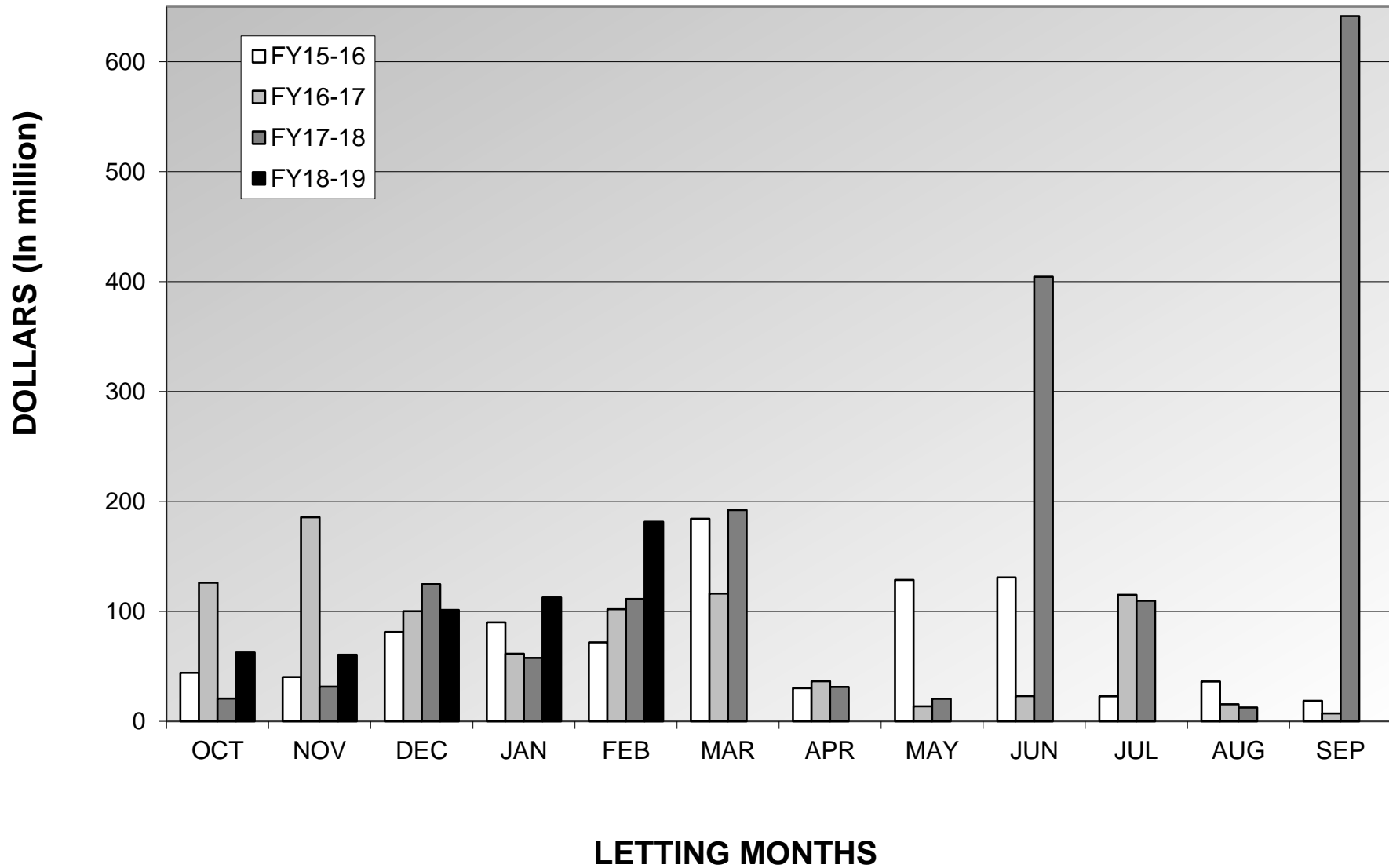
### U P C O M I N G L E T T I N G P R O J E C T I O N S :

<b>March 1, 2019, Bid Letting</b>	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Freight Services</u>	<u>Totals</u>
# of proj. advertised	33	45	1	1	80
# of projects with warranties	15	0	0	0	15
\$ Eng. Est. of projects advertised (In million)	\$93.59	\$38.93	\$1.01	\$0.00	\$133.53
\$ Eng. Est. of warranty projects (In million)	\$73.46	\$0.00	\$1.14	\$0.00	\$74.61

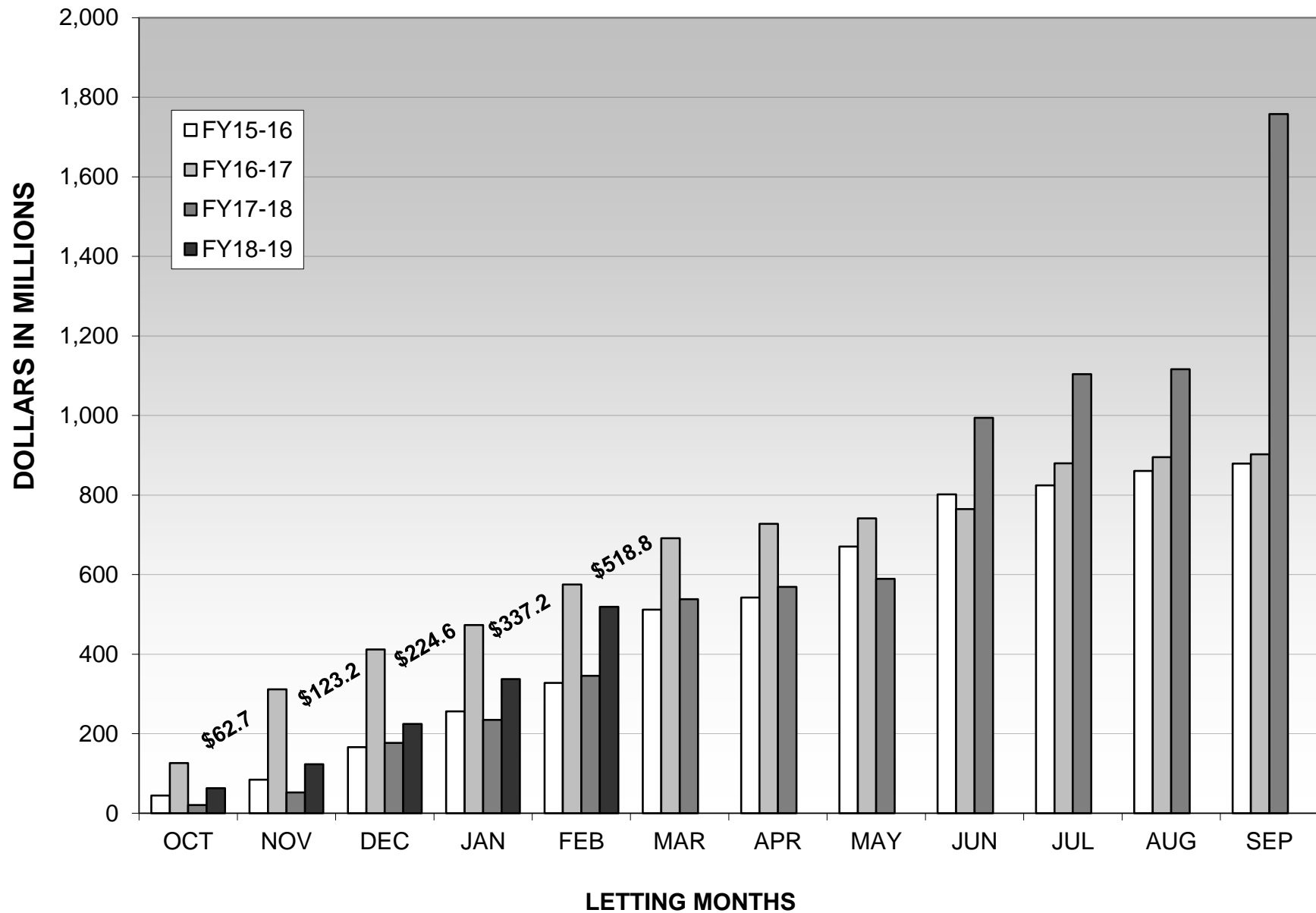
<b>March 6, 2019, Bid Letting</b>	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Freight Services</u>	<u>Totals</u>
# of proj. advertised	1	0	0	0	1
# of projects with warranties	0	0	0	0	0
\$ Eng. Est. of projects advertised (In million)	\$0.51	\$0.00	\$0.00	\$0.00	\$0.51
\$ Eng. Est. of warranty projects (In million)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

<b>March 15, 2019, Special Bid Letting</b>	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Freight Services</u>	<u>Totals</u>
# of proj. advertised	30	7	0	0	37
# of projects with warranties	22	0	0	0	22
\$ Eng. Est. of projects advertised (In million)	\$157.79	\$2.98	\$0.00	\$0.00	\$160.77
\$ Eng. Est. of warranty projects (In million)	\$147.51	\$0.00	\$0.00	\$0.00	\$147.51

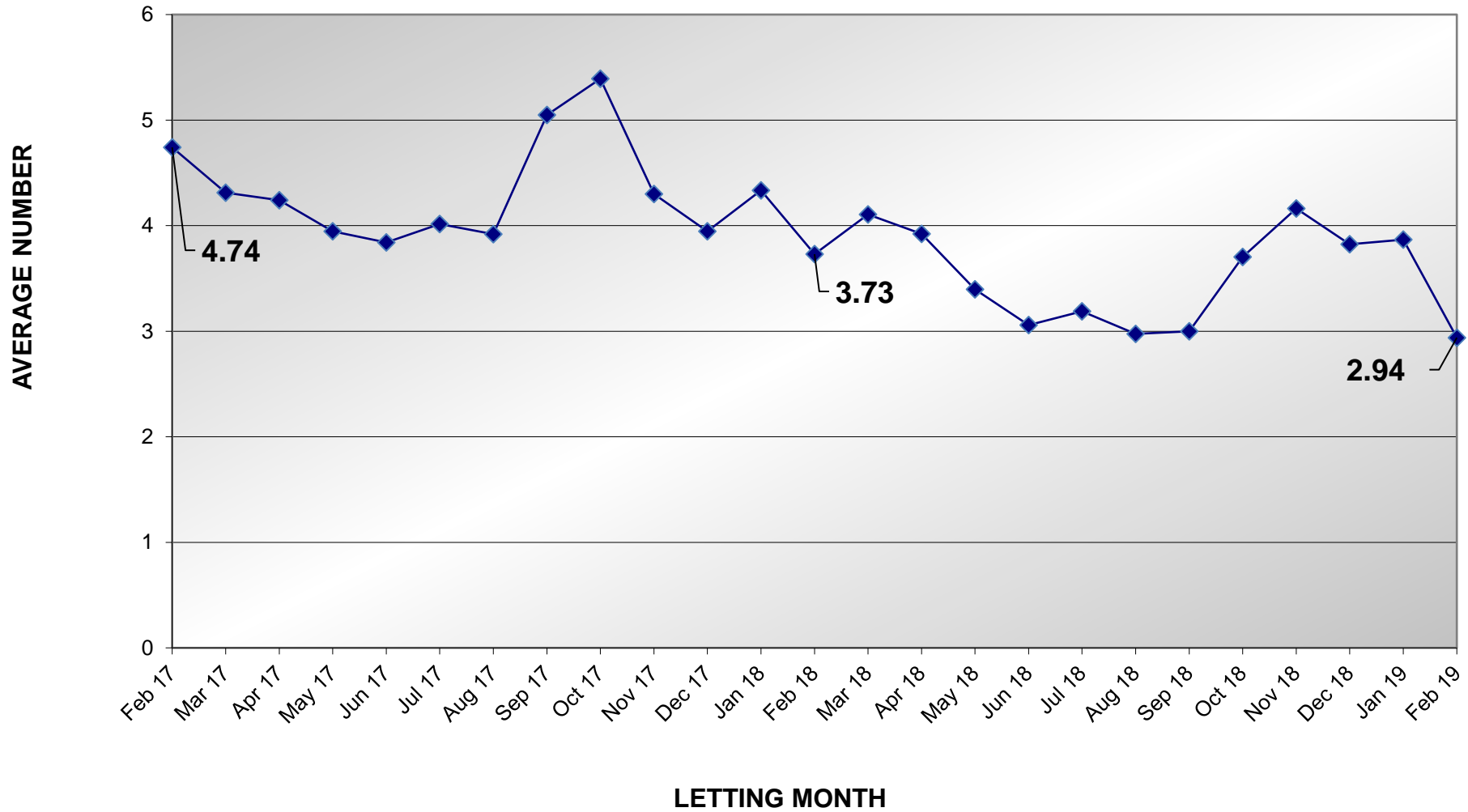
## MDOT LETTINGS STATE PROJECTS - Dollars per month



# MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



**AVERAGE NUMBER OF BIDDERS**  
FEBRUARY 2017 through FEBRUARY 2019



## PROJECTS WITH SPECIFIED NUMBER OF BIDS - BY REGION

FEBRUARY 2019

REGION	NO BIDS RECEIVED	1 BID	2 BIDS	3 BIDS	4 BIDS	5 BIDS	6 BIDS	7 BIDS	8 BIDS	9 BIDS	=>10 BIDS	NUMBER OF PROJECTS BY REGION
BAY			3	7	4	3	1	2	1			21
GRAND		1	2	3	1	1	1			1		10
METRO			2	3	2				1			8
NORTH		1	6	5	2							14
SOUTHWEST			5	2	1	1						9
SUPERIOR			3	2		1						6
UNIVERSITY		1	6	5		1		1				14
NUMBER OF PROJECTS	0	3	27	27	10	7	2	3	2	1	0	Total 82

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## OFFICE MEMORANDUM

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**DATE:** February 19, 2019

**TO:** State Transportation Commission

**FROM:** Jack Cotter, CPA, CGMA  
Commission Auditor  
Office of Commission Audits

**SUBJECT:** Justification Memorandums

Attached for your information are the department's justification memorandums for Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

*Signed Original on File*

Jack Cotter, CPA, CGMA  
Commission Auditor

Attachments

cc: T. Hagon

**DATE:** February 7, 2019

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: February 1, 2019

Project Description: 1.23 mi of hot mix asphalt pulverizing and resurfacing, culverts, triaxial geogrid, aggregate base and pavement markings on Union Coal Dock Road east of Sunshine Road, Houghton County.

Project Number: 31000-133048

Item Number: 1902 011

Low Bidder: Payne & Dolan Inc.

Eng. Est: \$468,699.39    Low Bid: \$524,168.84    Difference: \$55,469.45    Percent: 11.83

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$468,699.39
Payne & Dolan Inc.	\$524,168.84
B & B Contracting, Calumet, Inc.	\$549,028.74
FA Industrial Services, Inc.	\$618,817.71
Bacco Construction Company	\$628,927.94
Thomas J. Moyle, Jr., Incorporated	\$636,238.50

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were aggregate base; cold milling hot mix asphalt surface; and hot mix asphalt paving items. The cold milling pay item is being used to mill the existing hot mix asphalt, and into the existing aggregate base. Concerns over this modification to the cold milling pay item may have led to an increase in the cost for this item. The high demand for aggregate utilized in the flood recovery last year may have led to an increased cost for aggregate base and hot mix asphalt paving items. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of added work within the cold milling pay item and possible aggregate materials shortages. This project received five bids of \$524,168.84 to \$636,238.50, which varied by 21.38 percent. The two lowest bids varied by 4.74 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Houghton County Road Commission request that this project be awarded to the low bidder based on the above conclusion.

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Kristin Schuster for Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director's Office
V. Lake	R. Cousin	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
M. Duell	A. Anderson	M. Maloney	A. Johnson	

BOD:DD:QA:RWC;jh



**DATE:** February 12, 2019

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: February 1, 2019

Project Description: 0.75 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, earthwork, drainage, signals and pavement markings on West 9 Mile Road from the west city limits of Farmington Hills to Middlebelt Road in the city of Farmington Hills, Oakland County.

Project Number: 63000-203432

Item Number: 1902 041

Low Bidder: Cadillac Asphalt, L.L.C.

Eng. Est: \$1,288,270.10 Low Bid: \$1,692,123.84 Difference: \$403,853.74 Percent: 31.35

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,288,270.10
Cadillac Asphalt, L.L.C.	\$1,692,123.84
Florence Cement Company	\$1,722,531.00
Angelo Iafrate Construction Company	\$1,839,278.36
Ajax Paving Industries, Inc.	\$1,998,405.78

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling; pavement joint and crack repair; hot mix asphalt; and traffic regulator control. These items were bid higher than normal due to low production paving and construction staging. The proposed staging requires part-width construction, maintaining one-lane one-way local traffic in the west residential half and two-lane two-way local traffic in the east commercial half. This staging, combined with gapping out the intersections, significantly limits the amount of cold milling or hot mix asphalt paving that could be completed in a given workday, increasing costs. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the staging requirements. This project received four bids ranging from \$1,692,123.84 to \$1,998,405.78, which varied by 18.10 percent. The two lowest bids varied by 1.80 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the city of Farmington Hills request that this project be awarded to the low bidder based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director's Office
V. Lake	R. Cousin	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
B. Schriener	L. Swanson	S. Minton	K. Avery	

BOD:DD:QA:DLP:jh



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## OFFICE MEMORANDUM

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**DATE:** February 6, 2019

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: February 1, 2019

Project Description: 2.77 mi of hot mix asphalt micro surfacing ultra-thin medium volume, aggregate shoulders, embankment and pavement markings on County Road 100 (East Houghton Lake Drive) from County Road 102 to County Road 300, Roscommon County.

Project Number: 72000-202235

Item Number: 1902 051

Low Bidder: Pyramid Paving and Contracting Co.

Eng. Est: \$515,175.07    Low Bid: \$567,028.26    Difference: \$51,853.19    Percent: 10.07

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$515,175.07
Pyramid Paving and Contracting Co.	\$567,028.26
Rieth-Riley Construction Co., Inc.	\$652,258.94

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were embankment; aggregate base; modified trenching; and ultra-thin hot mix asphalt paving. These items were bid higher than normal due to complex site conditions. Steep banks will slow the embankment operation as the contractor will need to place the material in an excavator and hand compacted, increasing costs. The aggregate base will be placed in a trench, requiring the use of a smaller roller for compaction and additional effort to match the adjacent lane slope. Furthermore, modified trenching will likely require a specialized offset mill to mill out the trench very close to the shoulder hinge point, increasing costs. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

## **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the site conditions. This project received two bids of \$567,028.26 and \$652,258.94, which varied by 15.03 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Roscommon County Road Commission request that this project be awarded to the low bidder based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director's Office
V. Lake	R. Cousin	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
G. Masinda	B. Gowell	G. Deans	S. Thayer	

BOD:DD:QA:DLP:jh

**DATE:** February 6, 2019

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: February 1, 2019

Project Description: 2.53 mi of hot mix asphalt cold milling and single course overlay, detail 7 joint repairs, concrete curb, gutter, sidewalk and ramps, shoulder gravel and pavement markings on M-50 from M-52 to east of Sunset Drive in the city of Tecumseh, Lenawee County.

Project Number: 46082-200985

Item Number: 1902 056

Low Bidder: Gerken Paving, Inc.

Eng. Est: \$757,697.29    Low Bid: \$846,267.91    Difference: \$88,570.62    Percent: 11.69

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$757,697.29
Gerken Paving, Inc.	\$846,267.91
Michigan Paving and Materials Company	\$890,064.59

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling hot mix asphalt surface; hot mix asphalt; and minor traffic devices. These items were bid higher than normal due to two separate operations; daytime work performed outside village limits, nighttime work performed within village limits, thus reducing production. Additionally, the increase in minor traffic devices is due to the condensed work schedule requirements and extra work required based on the traffic restrictions. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the reduction in productivity and maintaining traffic restrictions. This project received two bids of \$846,267.91 and \$890,064.59, which varied by 5.18 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Jackson TSC request that this project be awarded to the low bidder based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director's Office
V. Lake	R. Cousin	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
J. Pittman	S. Sorensen	J. Reid	D. Parker	

BOD:DD:QA:SF:jh



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## OFFICE MEMORANDUM

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**DATE:** February 6, 2019

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: February 1, 2019

Project Description: 17.07 mi of overband crack filling, chip sealing, single, warranty, and fog sealing on M-37 from north of 3 Mile Road northerly to north of the north Newaygo county line, Newaygo and Lake Counties.

Project Number: 62032-201125

Item Number: 1902 065

Low Bidder: Fahrner Asphalt Sealers, L.L.C.

Eng. Est: \$1,242,750.83 Low Bid: \$1,383,267.95 Difference: \$140,517.12 Percent: 11.31

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,242,750.83
Fahrner Asphalt Sealers, L.L.C.	\$1,383,267.95
Pavement Maintenance Systems, LLC	\$1,442,269.50
Highway Maintenance and Construction Company	\$1,515,144.77

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were shoulder class II; trenching; hot mix asphalt; and traffic control. These items were bid higher than normal due to the repair work, in spot locations along the shoulder, and can only be performed in short segments, reducing productivity. Additionally, the contractor is only allowed 25 work days to complete the job, creating a tight work schedule and increasing prices. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the reduction in productivity and tight schedule. This project received three bids of \$1,383,267.95 and \$1,515,144.77, which varied by 9.53 percent. The lowest two bids varied by 4.27 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Cadillac TSC request that this project be awarded to the low bidder based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director's Office
V. Lake	R. Cousin	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
P. Johnson	S. Rozema	K. McReynolds	E. Kind	

BOD:DD:QA:SF:jh



**DATE:** February 12, 2019

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: February 1, 2019

Project Description: 3.70 mi of micro-surfacing, hot mix asphalt patching and crack seal, concrete curb, gutter, sidewalk and ramps, and pavement markings on M-27 from south of M-33 to US-23 in the city of Cheboygan, Cheboygan County.

Project Number: 16032-204268

Item Number: 1902 068

Low Bidder: American Pavements, Inc.

Eng. Est: \$540,704.37    Low Bid: \$635,491.04    Difference: \$94,786.67    Percent: 17.53

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$540,704.37
American Pavements, Inc.	\$635,491.04
Pavement Maintenance Systems, LLC	\$639,467.74
Strawser Construction Inc.	\$691,123.52

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were microsurface warranty and sidewalk work. These items were bid higher than normal due to multiple driveways, intersections, sidewalks and approach work that must be performed at night, requiring additional time and reducing production. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of night time work and approaches, resulting in a reduction in productivity. This project received three bids of \$635,491.04 and \$691,123.52, which varied by 8.75 percent. The lowest two bids varied by 0.63 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Development and the Gaylord TSC request that this project be awarded to the low bidder based on the above conclusion.

---

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director's Office
V. Lake	R. Cousin	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
M Radulski	B. Gowell	G. Deans	S. Thayer	

BOD:DD:QA:SF:jh

REQUEST FOR MICHIGAN STATE  
TRANSPORTATION COMMISSION APPROVAL  
LETTING EXCEPTIONS AGENDA

February 21, 2019

**STATE PROJECTS**

1. Letting of February 1, 2019  
Letting Call: 1902 056  
Project: M 46082-200985  
Local Agreement:  
Start Date: April 15, 2019  
Completion Date: July 13, 2019

Low Bid: **\$846,267.91**  
Engineer Estimate: \$757,697.29  
Pct Over/Under Estimate: 11.69 %

2.53 mi of hot mix asphalt cold milling and single course overlay, detail 7 joint repairs, concrete curb, gutter, sidewalk and ramps, shoulder gravel and pavement markings on M-50 from M-52 to east of Sunset Drive in the city of Tecumseh, Lenawee County. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Gerken Paving, Inc.</b>	<b>\$846,267.91</b>	<b>Same</b>	<b>1 **</b>
Michigan Paving and Materials Co.	\$890,064.59	Same	2

Total Number of Bidders: 2

2. Letting of February 1, 2019  
Letting Call: 1902 065  
Project: ST 62032-201125  
Local Agreement:  
Start Date: May 13, 2019  
Completion Date: 25 Working Days

Low Bid: **\$1,383,267.95**  
Engineer Estimate: \$1,242,750.83  
Pct Over/Under Estimate: 11.31 %

17.07 mi of overband crack filling, chip sealing, single, warranty, and fog sealing on M-37 from north of 3 Mile Road northerly to north of the north Newaygo county line, Newaygo and Lake Counties. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Fahrner Asphalt Sealers, L.L.C.</b>	<b>\$1,383,267.95</b>	<b>Same</b>	<b>1 **</b>
Pavement Maintenance Systems, LLC	\$1,442,269.50	Same	2
Highway Maint. & Construction Co.	\$1,515,144.77	Same	3

Total Number of Bidders: 3

3. Letting of February 1, 2019

Letting Call: 1902 068

Project: ST 16032-204268

Local Agreement:

Start Date: July 8, 2019

Completion Date: September 27, 2019

Low Bid: **\$635,491.04**

Engineer Estimate: \$540,704.37

Pct Over/Under Estimate: 17.53 %

3.70 mi of micro-surfacing, hot mix asphalt patching and crack seal, concrete curb, gutter, sidewalk and ramps, and pavement markings on M-27 from south of M-33 to US-23 in the city of Cheboygan, Cheboygan County. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>American Pavements, Inc.</b>	<b>\$635,491.04</b>	<b>Same</b>	<b>1 **</b>
Pavement Maintenance Systems, LLC	\$639,467.74	Same	2
Strawser Construction Inc.	\$691,123.52	Same	3

Total Number of Bidders: 3

## LOCAL PROJECTS

4. Letting of February 1, 2019

Letting Call: 1902 011

Project: STUL 31000-133048

Local Agreement: 18-5520

Start Date: 10 days after award

Completion Date: August 23, 2019

Low Bid: **\$524,168.84**

Engineer Estimate: \$468,699.39

Pct Over/Under Estimate: 11.83 %

1.23 mi of hot mix asphalt pulverizing and resurfacing, culverts, triaxial geogrid, aggregate base and pavement markings on Union Coal Dock Road east of Sunshine Road, Houghton County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Payne &amp; Dolan Inc.</b>	<b>\$524,168.84</b>	<b>Same</b>	<b>1 **</b>
B & B Contracting, Calumet, Inc.	\$549,028.74	Same	2
FA Industrial Services, Inc.	\$618,817.71	Same	3
Bacco Construction Company	\$628,927.94	Same	4
Thomas J. Moyle, Jr., Incorporated	\$636,238.50	Same	5

Total Number of Bidders: 5

5. Letting of February 1, 2019  
 Letting Call: 1902 041  
 Project: STU 63000-203432  
 Local Agreement: 18-5555  
 Start Date: 10 days after award  
 Completion Date: September 20, 2019

Low Bid: **\$1,692,123.84**  
 Engineer Estimate: \$1,288,270.10  
 Pct Over/Under Estimate: 31.35 %

0.75 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, earthwork, drainage, signals and pavement markings on West 9 Mile Road from the west city limits of Farmington Hills to Middlebelt Road in the city of Farmington Hills, Oakland County. This is a Local Agency project.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Cadillac Asphalt, L.L.C.</b>	<b>\$1,692,123.84</b>	<b>Same</b>	<b>1 **</b>
Florence Cement Company	\$1,722,531.00	Same	2
Angelo Iafrate Construction Co.	\$1,839,278.36	Same	3
Ajax Paving Industries, Inc.	\$1,998,405.78	Same	4

Total Number of Bidders: 4

6. Letting of February 1, 2019  
 Letting Call: 1902 051  
 Project: STUL 72000-202235  
 Local Agreement: 18-5561  
 Start Date: September 5, 2019  
 Completion Date: October 31, 2019

Low Bid: **\$567,028.26**  
 Engineer Estimate: \$515,175.07  
 Pct Over/Under Estimate: 10.07 %

2.77 mi of hot mix asphalt micro surfacing ultra-thin medium volume, aggregate shoulders, embankment and pavement markings on County Road 100 (East Houghton Lake Drive) from County Road 102 to County Road 300, Roscommon County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Pyramid Paving and Contracting Co.</b>	<b>\$567,028.26</b>	<b>Same</b>	<b>1 **</b>
Rieth-Riley Construction Co., Inc.	\$652,258.94	Same	2

Total Number of Bidders: 2

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 21, 2019

Respectfully submitted,

Paul C. Ajegba  
Director